# What is a million ($10^6$)?

A. In your groups have three (3) people time one (1) person counting out twenty (20), $1 dollar bills as fast as they can. Record the times and take the average. Repeat this until you have data from at least three (3) different people counting.

B. What was the average rate, $/s, for counting $20?

C. How many minutes, hours and days will it take to count out $1 000, $10 000, $100 000, and $1million one (1) dollar bills at the average rate?

*Ex. If it took 11.second to count $20 in 1's*
*The rate is* $\frac{11.2\ s}{\$20} = \frac{0.56s}{\$1}$
*So to count $10 000 how many minute would it take:*

$$\frac{\$10\ 000}{1} \times \frac{0.56s}{\$1} \times \frac{1min}{60s} = 93.3min$$